



IFWO

RAW SEQUENCE LISTING

DATE: 08/30/2004

PATENT APPLICATION: US/10/791,619

TIME: 14:48:42

Input Set : N:\CrF3\RULE60\10791619.raw.txt

Output Set: N:\CRF4\08302004\J791619.raw

1 <110> APPLICANT: Henry B. Lowman, Leonard G. Presta, Paula M. Jardieu, John Lowe
 2 <120> TITLE OF INVENTION: Improved Anti-IgE Antibodies and Method of Improving
 olypeptides
 3 <130> FILE REFERENCE: P1123R1
 4 <140> CURRENT APPLICATION NUMBER: US/10/791,619
 5 <141> CURRENT FILING DATE: 2004-03-02
 6 <150> PRIOR APPLICATION NUMBER: US/09/109,207
 7 <151> PRIOR FILING DATE: 1998-06-30
 8 <150> PRIOR APPLICATION NUMBER: US 60/051,554
 9 <151> PRIOR FILING DATE: 1997-07-03
 10 <160> NUMBER OF SEQ ID NOS: 44
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 6127
 14 <212> TYPE: DNA
 15 <213> ORGANISM: Artificial
 16 <220> FEATURE:
 --> 17 <221> NAME/KEY: Artificial
 18 <222> LOCATION: 1-6127
 19 <223> OTHER INFORMATION: Expression plasmid
 20 <400> SEQUENCE: 1
 21 gaattcaact tctccataact ttggataagg aaatacagac atgaaaaatc 50
 22 tcattgctga gttgttattt aagcttgccc aaaaagaaga agagtcgaat 100
 23 gaactgtgtg cgcaggtaga agctttggag attatcgta ctgcaatgt 150
 24 tcgcaatatg gcgcaaaaatg accaacagcg gttgattgtat caggtagagg 200
 25 gggcgcgtgt a cgaggtaaa cccgatgcc a gcattcctga cgacgatacg 250
 26 gagctgctgc ggcattacgt aaagaagttt ttaaaggcatc ctcgtcagta 300
 27 aaaagttaat ctgttcaaca gctgtcataa agttgtcactc gcccggactt 350
 28 atagtcgtt tttttttattttttaatgtt tttttaacta gaattcgagc 400
 29 tcggtaaccgc gggatcctct cggatgttgc gttgatattt gaaaaagaat 450
 30 atcgcatattt tccttgcatc tatgttcgtt ttttctattt ctacaaacgc 500
 31 gtacgctgtat atccagctga cccagtcggc gagctccctg tccgcctctg 550
 32 tgggcgatag ggttaccatc acctggctg ccagtcggag cgtcgattac 600
 33 gaaggtgata gtcacactgaa ctggtatcaa cagaaaccag gaaaagctcc 650
 34 gaaactactg atttacgcgg cctcgatct ggagtctgg a gtcccttctc 700
 35 gcttctctgg atccgggtct gggacggatt tcactctgac catcagcagt 750
 36 ctgcagccag aagacttcgc aaccttattac tgcgtatcaa gtcacggag 800
 37 tccgtacaca tttggacagg gtaccaaggt ggagatcaa cgaactgtgg 850
 38 ctgcaccatc tgcgttcatc ttcccgccat ctgtatggca gttgaaatct 900
 39 ggaactgtt ctgttgcgtt cctgtatc aacttctatc ccagagaggc 950
 40 caaagtacag tggaagggtgg ataacgcctt ccaatcggtt aactcccagg 1000
 41 agagtgtcac agagcaggac agcaaggaca gcacctacag cctcagcagc 1050
 42 accctgacgc tgagcaaaagc agactacggag aaacacaaag tctacgcctg 1100
 43 cgaagtcaacc catcaggccc tgagctgc cgtcacaaag agcttcaaca 1150
 44 ggggagagtg ttaagctgtat cctctacgccc ggacgcacatcg tggcccttagt 1200

ENTERED

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45 acgcaaggta acgtaaaaag ggtatctaga ggtaggggtt attttatgaa 1250
 46 aaagaatatac gcatttc ttcgcattat gttcggtttt tctattgcta 1300
 47 caaacgcgta cgctgagggtt cagctgggtt agtctggcg tggcctgggt 1350
 48 cagccagggtt gctcactccg tttgtccgtt gcagttctg gctactccat 1400
 49 cacctccgga tacagctgga actggatccg tcaggccccg ggtaaggccc 1450
 50 tggaatgggt tgcattcgatt acgtatgacg gatcgactaa ctataaccct 1500
 51 agcgtcaagg gccgtatcac tataagtgcg gacgattcca aaaacacatt 1550
 52 ctacctgcag atgaacagcc tgcgtgcgtt ggacactgcc gtctattatt 1600
 53 gtgctcgagg cagccactat ttccgtcaact ggacactccg cgtgtgggt 1650
 54 caaggaaccc tggtcaccgt ctccctggcc tccaccaagg gcccattcggt 1700
 55 ctccccctta gcacccctct ccaagagcac ctctgggggc acagcggccc 1750
 56 tgggctgcct ggtcaaggac tacttccccg aaccgggtgac ggtgtcggt 1800
 57 aactcaggcg ccctgaccag cggcgtgcac accttccccg ctgtccata 1850
 58 gtcctcagga ctctactccc tcagcagcg ggtgaccgtg ccctccagca 1900
 59 gcttgggcac ccagacctac atctgcaacg tgaatcacaa gcccagcaac 1950
 60 accaagggtt acaagaaaat tgagccaaa tcttgtgaca aaactcacac 2000
 61 ctagagtggc ggtggctctg gttccggta ttttgattat gaaaagatgg 2050
 62 caaacgcata taagggggct atgaccgaaa atggcgatga aaacgcgcta 2100
 63 cagtctgacg ctaaaggcaa acttgattct gtcgtactg attacgggtgc 2150
 64 tgctatcgat ggttcatttgc gtgacgttcc cggccttgc aatggtaatg 2200
 65 gtgctactgg tgattttgc ggctctaatt cccaaatggc tcaagtccgt 2250
 66 gacggtgata attcacctt aatgaataat ttccgtcaat atttacccctc 2300
 67 cctccctaa tcgggtgaat gtcggccctt tgcgttttagc gctggtaaac 2350
 68 catatgaatt ttctattgtat tgcgtggat taaacttatt ccgtgggtgc 2400
 69 tttgcgttcc ttttatatgt tgccacccctt atgtatgtat ttctacgtt 2450
 70 tgctaacata ctgcgttaa aggagtctta atcatgccag ttctttggc 2500
 71 tagcggccgc ctatacccttgc tctgcctccc cgcgttgcgt cgcgtgcac 2550
 72 ggagccgggc cacctcgacc tgaatggaaag cggccggcac ctcgcataacg 2600
 73 gattcaccac tccaaagaatt ggagccaaatc aattcttgcg gagaactgtg 2650
 74 aatgcgcataa ccaacccttgc cagaaacata tccatcgct cccgcacatctc 2700
 75 cagcagccgc acgcggcgca tctcggccag cgttgggtcc tggccacggg 2750
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 77 tgcctactg gttacgaaat tgaatcacccg atacgcgagc gaacgtgaag 2850
 78 cgactgctgc tgcaaaaacgt ctgcgtactg agcaacaaca tgaatgggtct 2900
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 80 accattatgt tccggatctg catcgacgaa tgcgtgtggc taccctgtgg 3000
 81 aacacccatac tctgtattaa cgaagcgctg gcattgaccc tgagtgtattt 3050
 82 ttctctggtc cggccgcatac cataccggca gttgtttacc ctcacaacgt 3100
 83 tccagtaacc gggcatgttc atcatcgat acccgatcg tgagcatcc 3150
 84 ctctcggttc atcggtatca ttacccctat gaacagaaaat tcccccttac 3200
 85 acggaggcat caagtgcac aacaggaaaa aaccggccctt aacatggccc 3250
 86 gctttatcag aagccagaca ttaacgccttgc tggagaaaact caacgagctg 3300
 87 gacgcggatg aacaggcaga catctgtgaa tcgcgttccacg accacgctga 3350
 88 tgagcttac cgcaggatcc gggaaattgtt aacgttataa ttttggtaaa 3400
 89 attcgcgtta aattttgtt aaatcagctc atttttaac caataggccc 3450
 90 aaatcggcaa aatcccttat aaatcaaaaat aatagaccga gatagggttg 3500
 91 agtgttggcc cagtttggaa caagagtcca ctattaaaga acgtggactc 3550
 92 caacgtcaaa gggcgaaaaa cccgtctatca gggctatggc ccactacgtg 3600
 93 aaccatcacc ctaatcaagt ttttgggtt cgaggtgcgg taaagcacta 3650

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Output Set: N:\CRF4\08302004\J791619.raw

94 aatcggaacc ctaaaaggag ccccgattt agagcttgc ggggaaagcc 3700
 95 ggcgaacgtg gcgagaaaagg aagggaagaa agcgaaagga gcggggcgcta 3750
 96 gggcgctggc aagtgttagcg gtcacgctgc gcgttaaccac cacacccgccc 3800
 97 gcgttaatg cgccgctaca gggcgctcc ggatctgc tcgcgcgttt 3850
 98 cggtgatgac ggtaaaaacc tctgacacat gcagctcccg gagacggtca 3900
 99 cagcttgct gtaagcggat gccgggagca gacaagccccg tcagggcgcg 3950
 100 tcagcgggtg ttggcggtg tcggggcgca gccatgaccc agtcacgtag 4000
 101 cgatagcggga gtgtatactg gcttaactat gcggcatcag agcagattgt 4050
 102 actgagagtg caccatatgc ggtgtaaaat accgcacaga tgcttaagga 4100
 103 gaaaataccg catcaggcgc tcttcgctt cctcgctcac tgactcgctg 4150
 104 cgctcggtcg ttccggctcg gcgagcggta tcagctcaact caaaggcggt 4200
 105 aatacggta tccacagaat caggggataa cgcaggaaag aacatgtgag 4250
 106 caaaaggcca gcaaaggcc aggaaccgta aaaaggccgc gttgctggcg 4300
 107 ttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc 4350
 108 aagtcaagg tggcgaaacc cgacaggact ataaaagatac caggcggttc 4400
 109 cccctggaaag ctccctcggt cgctctcctg ttccgaccct gccgcttacc 4450
 110 ggataccctgt ccgcctttt cccttcggga aegtgtggcg tttctcatag 4500
 111 ctcacgctgt aggtatctca gttcggtgta ggtcgttcg tccaaagctgg 4550
 112 gctgtgtgca cgaacccccc gttcagcccg accgctgcgc cttatccgg 4600
 113 aactatcgctc ttgagtccaa cccggtaaga cacgacttat cgccactggc 4650
 114 agcagccact ggtAACAGGA tttagcagagc gaggtatgtt ggcgggtcta 4700
 115 cagagttctt gaagtgggtgg ccttaactacg gctacactag aaggacagta 4750
 116 tttggtatct gcgtctcggt gaagccagtt accttcggaa aaagaggttgg 4800
 117 tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggttttttg 4850
 118 tttgcaagca gcagattacg cgcagaaaaaa aaggatctca agaagatctt 4900
 119 ttgatcttt ctacggggtc tgacgctcag tggAACGAAA actcacgtta 4950
 120 agggattttt gtcatgagat tatcaaaaag gatcttcacc tagatcttt 5000
 121 taaattaaaa atgaagttt aaatcaatct aaagtatata tgagtaaact 5050
 122 tggctctgaca gttaccaatg cttaatcagt gaggcaccta ttcagcgat 5100
 123 ctgtctatcc cgttcatcca tagttgcctg actccccgtc gtgtagataa 5150
 124 ctacgataacg ggaggcgctt ccatctggcc ccagtgcgc aatgataacc 5200
 125 cgagaccac gctaccggc tccagattt tcagcaataa accagccagc 5250
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 129 gtcgttttgtt atggcttcat tcagctccgg ttcccaacga tcaaggcgag 5450
 130 ttacatgatc cccatgttg tgcaaaaaag cggttagctc ttccggctt 5500
 131 ccgatcggtt tcagaagtaa gttggccgca gtgttatcac tcatggttat 5550
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 133 ctgtgactgg tgagtaactca accaagtcat tctgagaata gtgtatgcgg 5650
 134 cgaccgagtt gctttggccc ggcgtcaaca cgggataata ccgcgcacaca 5700
 135 tagcagaact ttAAAAGTGC tcatttttttgg AAAACGTTCT tcggggcgaa 5750
 136 aactctcaag gatcttaccg ctgttggat ccagttcgat gtaaccact 5800
 137 cgtgcaccca actgatcttcc agcatctttt actttcacca gctttctgg 5850
 138 gtgagaaaa acaggaaggc aaaatgccgc aaaaaaggga ataaggcgaa 5900
 139 cacggaaatg ttgaataactc atactcttcc tttttcaata ttattgaagc 5950
 140 atttatcagg gttattgtct catgagcggta tacatatttgc aatgtatata 6000
 141 gaaaataaaa caaataggg ttcccgccac atttccccga aaagtccac 6050
 142 ctgacgtcta agaaaccatt attatcatga cattaaccta taaaaatagg 6100

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```

143      cgtatcacga ggcccttcg tcttcaa 6127
145 <210> SEQ ID NO: 2
146 <211> LENGTH: 121
147 <212> TYPE: PRT
148 <213> ORGANISM: Mus musculus
149 <400> SEQUENCE: 2
150      Asp Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser
151          1           5           10          15
152      Gln Ser Leu Ser Leu Ala Cys Ser Val Thr Gly Tyr Ser Ile Thr
153          20          25          30
154      Ser Gly Tyr Ser Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Lys
155          35          40          45
156      Leu Glu Trp Met Gly Ser Ile Thr Tyr Asp Gly Ser Ser Asn Tyr
157          50          55          60
158      Asn Pro Ser Leu Lys Asn Arg Ile Ser Val Thr Arg Asp Thr Ser
159          65          70          75
160      Gln Asn Gln Phe Phe Leu Lys Leu Asn Ser Ala Thr Ala Glu Asp
161          80          85          90
162      Thr Ala Thr Tyr Tyr Cys Ala Arg Gly Ser His Tyr Phe Gly His
163          95          100         105
164      Trp His Phe Ala Val Trp Gly Ala Gly Thr Thr Val Thr Val Ser
165          110         115         120
166      Ser
168 <210> SEQ ID NO: 3
169 <211> LENGTH: 121
170 <212> TYPE: PRT
171 <213> ORGANISM: Artificial
172 <220> FEATURE:
W--> 173 <221> NAME/KEY: Artificial
174 <222> LOCATION: 1-121
175 <223> OTHER INFORMATION: F(ab) sequence derived from MAE11
176 <400> SEQUENCE: 3
177      Glu Val Gln Leu Val Glu Ser Gly Gly Leu Val Gln Pro Gly
178          1           5           10          15
179      Gly Ser Leu Arg Leu Ser Cys Ala Val Ser Gly Tyr Ser Ile Thr
180          20          25          30
181      Ser Gly Tyr Ser Trp Asn Trp Ile Arg Gln Ala Pro Gly Lys Gly
182          35          40          45
183      Leu Glu Trp Val Ala Ser Ile Thr Tyr Asp Gly Ser Thr Asn Tyr
184          50          55          60
185      Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser
186          65          70          75
187      Lys Asn Thr Phe Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
188          80          85          90
189      Thr Ala Val Tyr Tyr Cys Ala Arg Gly Ser His Tyr Phe Gly His
190          95          100         105
191      Trp His Phe Ala Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
192          110         115         120
193      Ser

```

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Input Set : N:\Crf3\RULE60\10791619.raw.txt
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195 <210> SEQ ID NO: 4
 196 <211> LENGTH: 121
 197 <212> TYPE: PRT
 198 <213> ORGANISM: Homo sapiens
 199 <220> FEATURE:
 200 <221> NAME/KEY: unsure
 201 <222> LOCATION: 30, 104-108
 202 <223> OTHER INFORMATION: unknown amino acid
 203 <400> SEQUENCE: 4
 204 Glu Val Gln Leu Val Glu Ser Gly Gly Leu Val Gln Pro Gly
 205 1 5 10 15
 W--> 206 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Xaa
 207 20 25 30
 208 Ser Asp Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly
 209 35 40 45
 210 Leu Glu Trp Val Ala Val Ile Ser Asn Gly Ser Asp Thr Tyr Tyr
 211 50 55 60
 212 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser
 213 65 70 75
 214 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
 215 80 85 90
 W--> 216 Thr Ala Val Tyr Tyr Cys Ala Arg Asp Ser Arg Phe Phe Xaa Xaa
 217 95 100 105
 W--> 218 Xaa Xaa Xaa Asp Val Trp Gly Gln Gly Thr Leu Val Thr Val Ser
 219 110 115 120
 220 Ser
 222 <210> SEQ ID NO: 5
 223 <211> LENGTH: 111
 224 <212> TYPE: PRT
 225 <213> ORGANISM: Mus musculus
 226 <400> SEQUENCE: 5
 227 Asp Ile Gln Leu Thr Gln Ser Pro Ala Ser Leu Ala Val Ser Leu
 228 1 5 10 15
 229 Gly Gln Arg Ala Thr Ile Ser Cys Lys Ala Ser Gln Ser Val Asp
 230 20 25 30
 231 Tyr Asp Gly Asp Ser Tyr Met Asn Trp Tyr Gln Gln Lys Pro Gly
 232 35 40 45
 233 Gln Pro Pro Ile Leu Leu Ile Tyr Ala Ala Ser Tyr Leu Gly Ser
 234 50 55 60
 235 Glu Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe
 236 65 70 75
 237 Thr Leu Asn Ile His Pro Val Glu Glu Asp Ala Ala Thr Phe
 238 80 85 90
 239 Tyr Cys Gln Gln Ser His Glu Asp Pro Tyr Thr Phe Gly Ala Gly
 240 95 100 105
 241 Thr Lys Leu Glu Ile Lys
 242 110
 244 <210> SEQ ID NO: 6
 245 <211> LENGTH: 111

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/791,619

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Input Set : N:\Crf3\RULE60\10791619.raw.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 30,104,105,106,107,108
Seq#:7; Xaa Pos. 33,34
Seq#:36; N Pos. 16,17,19,20,25,26,28,29
Seq#:37; N Pos. 16,17,19,20,22,28,29
Seq#:38; N Pos. 16,17,19,20,22,23,28,29,34,35
Seq#:39; N Pos. 17,18,20,21,23,24,26,27
Seq#:40; N Pos. 21,22,24,25,27,28,33,34
Seq#:41; N Pos. 17,18,20,21,23,24,26,27,29,30
Seq#:42; N Pos. 22,23,25,26,28,29,34,35
Seq#:43; N Pos. 15,16,18,19,21,22,27,28,33,34
Seq#:44; N Pos. 16,17,19,20,25,26,31,32

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2
Seq#:36; Line(s) 1201
Seq#:37; Line(s) 1215
Seq#:38; Line(s) 1229
Seq#:39; Line(s) 1243
Seq#:40; Line(s) 1257
Seq#:41; Line(s) 1272
Seq#:42; Line(s) 1286
Seq#:43; Line(s) 1301
Seq#:44; Line(s) 1316

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,3,6,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30
Seq#:31,32,33,34,35,36,37,38,39,40,41,42,43,44

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/791,619

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Input Set : N:\Crf3\RULE60\10791619.raw.txt
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L:17 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
 L:173 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
 L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:15
 L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:90
 L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:105
 L:249 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
 L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:30
 L:301 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
 L:327 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9
 L:353 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10
 L:379 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11
 L:405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12
 L:431 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13
 L:471 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14
 L:542 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
 L:582 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
 L:653 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
 L:693 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
 L:764 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
 L:804 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
 L:845 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
 L:886 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
 L:930 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
 L:974 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:24
 L:1014 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:25
 L:1056 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:26
 L:1098 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:27
 L:1109 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:28
 L:1120 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:29
 L:1131 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:30
 L:1142 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:31
 L:1154 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:32
 L:1165 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:33
 L:1176 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:34
 L:1188 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:35
 L:1199 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:36
 L:1205 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:36
 L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
 L:1213 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37
 L:1219 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:37
 L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
 L:1227 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38
 L:1233 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:38
 L:1234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
 L:1241 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:39
 L:1247 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:39
 L:1248 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
 L:1255 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:40

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/791,619

DATE: 08/30/2004

TIME: 14:48:43

Input Set : N:\Crf3\RULE60\10791619.raw.txt

Output Set: N:\CRF4\08302004\J791619.raw

L:1261 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:40
L:1262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1270 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:41
L:1276 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:41
L:1277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1284 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:42
L:1290 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:42
L:1291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1299 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:43
L:1305 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:43
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1314 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44
L:1320 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:44
L:1321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0